

EXPEDITED PROCEDURE EXAMINING GROUP: 1743

Docket: 14505.01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| First Named Inventor: | Matthew P. Dugas | Confirmation No.: 9823 |
| Appln. No.: | 10/685,289 | Examiner: Samuel P. Siefke |
| Filing Date: | October 14, 2003 | Group Art Unit: 1743 |
| Title: | SOLID STATE MEMBRANE CHANNEL DEVICE FOR THE MEASUREMENT AND CHARACTERIZATION OF ATOMIC AND MOLECULAR SIZED SAMPLES (DNA RAIL GUN) | |

**AMENDMENT AFTER FINAL
(UNDER 37 CFR 1.116)**

Mail Stop **RCE**
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to the Final Office Action of May 9, 2007, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.